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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/676,005
		Filing Date	October 2, 2003
		First Named Inventor	Norman L. Anderson
		Group Art Unit	1645
		Examiner Name	Hines, Jana A.
Sheet	1 of 3	Attorney Docket Number	ANDE-001/04US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JH/ ↓	74.	2002/0037532 A1	03-28-2002	Regnier et al.	
	75.	2005/0064422 A1	03-24-2005	Barnidge et al.	
	76.	2002/0123055 A1	09-05-2002	Estell et al.	
	77.	2002/0115056 A1	08-22-2002	Goodlett	
	78.	2004/0229283 A1	11-18-2004	Gygi et al.	
	79.	60/334,325	11-29-2001	Lindall et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
/JH/ ↓	80.	WO 00/67017	11-09-2000	Chait et al.		
	81.	WO 01/86306	11-15-2001	Regnier et al.		
	82.	WO 06/128492	12-07-2006	Pratt et al.		
	83.	WO 04/013636	02-12-2004	Syngenta Participations AG		
	84.	WO 03/102220	12-11-2003	The Institute for Systems Biology		

OTHER – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
/JH/	85.	BARR, J. R. et al., "Isotope Dilution-Mass Spectrometric Quantification of Specific Proteins: Model Application with Apolipoprotein A-I," Clinical Chemistry, 1996, pp. 1676-1682, Vol. 42(10).			
	86.	BERGEN, H. R. et al., "Online Single-Step Analysis of Blood Proteins: The Transferrin Story," Analytical Biochemistry, 2001, pp. 122-129, Vol. 296.			
	87.	CLARKE, N. J. et al., "Detection and Quantitation of Cellular Derived Amyloid β Peptides by Immunoprecipitation-HPLC-MS," FEBS Letters, 1998, pp. 419-423, Vol. 430.			
	88.	GRIFFIN, T. J. et al., "Toward a High-Throughput Approach to Quantitative Proteomic Analysis: Expression-Dependent Protein Identification by Mass Spectrometry," J. Am. Soc. Mass Spectrom., 2001, pp. 1238-1246, Vol. 12.			
	89.	GYGI, S. P. et al., "Proteome Analysis of Low-Abundance Proteins Using Multidimensional Chromatography and Isotope-Coded Affinity Tags," Journal of Proteome Research, 2002, pp. 47-54, Vol. 1.			
	90.	GYGI, S. P. et al., "Quantitative Analysis of Complex Protein Mixtures using Isotope-Coded Affinity Tags," Nature Biotechnology, October 1999, pp. 994-999, Vol. 17.			
	91.	GYGI, S. P. et al., "Mass Spectrometry and Proteomics," Current Opinion in Chemical Biology, 2000, pp. 489-494, Vol. 4.			

Examiner Signature	/Jana Hines/ (09/04/2007)	Date Considered	09/04/2007
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/JH/	92.	KALKUM, M. et al., "Detection of Secreted Peptides by Using Hypothesis-Driven Multistage Mass Spectrometry," PNAS, March 4, 2003, pp. 2795-2800, Vol. 100, No. 5.	
	93.	KIERNAN, U. A. et al., "High-Throughput Analysis of Human Plasma Proteins," American Biotechnology Laboratory, March 2002, pp. 26, 28.	
	94.	KIERNAN, U. A. et al., "High-Throughput Protein Characterization Using Mass Spectrometric Immunoassay," Analytical Biochemistry, 2002, pp. 49-56, Vol. 301.	
	95.	KIERNAN, U. A. et al., "Comparative Phenotypic Analyses of Human Plasma and Urinary Retinol Binding Protein Using Mass Spectrometric Immunoassay," Biochemical and Biophysical Research Communications, 2002, pp. 401-405, Vol. 297.	
	96.	KIPPEN, A. D. et al., "Development of an Isotope Dilution Assay for Precise Determination of Insulin, C-peptide, and Proinsulin Levels in Non-Diabetic and Type II Diabetic Individuals with Comparison to Immunoassay," The Journal of Biological Chemistry, May 9, 1997, pp. 12513-12522, Vol. 272, No. 19.	
	97.	KISELAR, J. G. et al., "Antigenic Surveillance of the Influenza Virus by Mass Spectrometry," Biochemistry, 1999, pp. 14185-14191, Vol. 38.	
	98.	KISELAR, J. G. et al., "Preservation and Detection of Specific Antibody-Peptide Complexes by Matrix-Assisted Laser Desorption Ionization Mass Spectrometry," J. Am. Soc. Mass Spectrom., 2000, pp. 746-750, Vol. 11.	
	99.	MILLER, E. J. et al., "Quantitation of Type I, III, and V Collagens in Human Tissue Samples by High-Performance Liquid Chromatography of Selected Cyanogen Bromide Peptides," Analytical Biochemistry, 1991, pp. 54-60, Vol. 196.	
	100.	REGNIER, F. E. et al., "Comparative Proteomics Based on Stable Isotope Labeling and Affinity Selection," Journal of Mass Spectrometry, 2002, pp. 133-145, Vol. 37.	
	101.	STEMMANN, O. et al., "Dual Inhibition of Sister Chromatid Separation at Metaphase," Cell, December 14, 2001, pp. 715-726, Vol. 107.	
	102.	STEWART, I. I. et al., " ¹⁸ O Labeling: A Tool for Proteomics," Rapid Communications in Mass Spectrometry, 2001, pp. 2456-2465, Vol. 15.	
	103.	TUBBS, K. A. et al., "Detection and Quantification of β-2-Microglobulin Using Mass Spectrometric Immunoassay," Analytical Biochemistry, 2001, pp. 26-35, Vol. 289.	
	104.	VAN DEN AKKER, C. R. et al., "Recycling Immobilized Antibodies," Clinical Chemistry, 1981, pp. 1954-1955, Vol. 27, No. 11.	
	105.	Supplementary European Search Report dated January 9, 2007, 4 pages.	
	106.	"Quantitative Assay of Methionine Enkephalin and β-Endorphin in Pituitary," Foreign Medical Sciences Section on Pharmacy, June 1999, pp. 173-176, Vol. 26(3).	
	107.	"New Frontline in Research of Proteome: Quantitative Proteomics," ACTA Biochimica et Biophysica Sinica, 2001, pp. 477, 479, Vol. 33(5).	
	108.	TANAKA, T. et al., "Secretory Production of Recombinant Human C-Reactive Protein in <i>Escherichia coli</i> , capable of binding with phosphorylcholine, and its characterization," Biochemical and Biophysical Research Communications, 2002, pp. 163-166, Vol. 295.	
V	109.	GRONBORG, M. et al., "A Mass Spectrometry-Based Proteomic Approach for Identification of Serine/Threonine-Phosphorylated Proteins by Enrichment with Phospho-Specific Antibodies," Molecular & Cellular Proteomics, 2002, pp. 517-527, Vol. 1.	

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